

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. T4088.CONT		SERIAL NO. 09/576,623	
LIST OF PRIOR ART CITED BY APPLICANT				APPLICANT John G. Carman #19 cont			
				FILING DATE May 23, 2000		GROUP 1638	

U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		

OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])		
AA		Johri et al., Comparative Embryology of Angiosperms, Vol 1: pp. 1-4, 29-41, 84-94. 1992.
AB		Asker and Jerling, Apomixis in Plants, pp. 49-80. 1992.
AC		Carman et al., Comparative histology of cell walls during meiotic and apomeiotic megasporogenesis in two australasian <i>Elymus</i> L. species. Crop Sci. 31:1527-1532. 1991
AD		Peel et al. Megasporocyte callose in apomictic buffelgrass, Kentucky bluegrass, <i>Pennisetum squamulatum</i> Fresen, <i>Tripsacum</i> L. and weeping lovegrass. Crop Sci. 37:724-732. 1997.
AE		Naumova and Willemse, Ultrastructural characterization of apospory in <i>Panicum maximum</i> , Sex Plant Repord 8: 197-204. 1995
AF		Naumova et al. Apomixis in plants: structural and functional aspects of diplospory in <i>Poa nemoralis</i> and <i>P. palustris</i> , Protoplasma 208:186-195. 1995.
AG		Sherwood. Genetic analysis of apomixis, in Savidan et al ed., The Flowering of Apomixis: From Mechanisms to Genetic Engineering, D.F.: CIMMYT, IRD, EC DG VI, FAIR. 2001.

EXAMINER [Signature]	DATE CONSIDERED 6/23/03
---	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. T4088.CONT	SERIAL NO. 09/576,623
LIST OF PRIOR ART CITED BY APPLICANT		APPLICANT John G. Carman	
		FILING DATE May 23, 2000	GROUP 1638

U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		

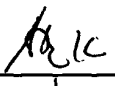
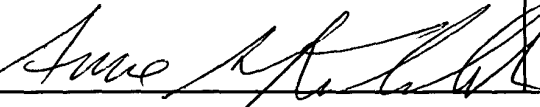
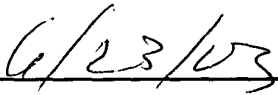
OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])		
ARZ	AH	Gustafsson Å. Apomixis in higher plants. III. Biotype and species formation. Lunds Universitets Årsskrift 43: 181-370. 1947.
AI		Mogie M. The evolution of asexual reproduction in plants. London: Chapman and Hall. 1992.
AJ		Carman JG. Asynchronous expression of duplicate genes in angiosperms may cause apomixis, bispory, tetraspory, and polyembryony. Biol J. Linnean Soc 61: 51-94. 1997.
AK		Sherwood et al. Inheritance of apospory in buffelgrass, Crop Sci 34:1490-1494. 1994.
AL		Leblanc et al. Detection of the apomictic mode of reproduction in maize-Tripsacum hybrids using maize RFLP markers, Theor Appl Genet 90: 1198-1203. 1995.
AM		Carman JG, The evolution of gametophytic apomixis, In Batygina (ed) Embryology of Flowering Plants, Vol. 3, The Systems of Reproduction, Russian Acad Sci, St. Petersburg. 230-236. 2000.
AN		Grimanelli et al, Mapping diplosporous apomixis in tetraploid Tripsacum: one gene or several genes, Heredity 80:33-39. 1998.
<div style="display: flex; justify-content: space-between;"> <div>EXAMINER</div> <div>DATE CONSIDERED</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="text-align: center;"> </div> <div style="text-align: center;"> </div> </div>		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. T4088.CONT		SERIAL NO. 09/576,623	
LIST OF PRIOR ART CITED BY APPLICANT				APPLICANT John G. Carman			
				FILING DATE May 23, 2000		GROUP 1638	

U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		

OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])		
	AO	Ozias-Akins et al. Tight clustering and hemizygosity of apomixis-linked molecular markers in <i>Pennisetum squamulatum</i> implies genetic control of apospory by a divergent locus that may have no allelic form in sexual genotypes, Proc Natl Acad Sci 95: 5127-5132.
AP		Ramula et al. Apomixis for crop improvement, Protoplasma 208: 196-205 (see Abstract and Conclusions). 1999.
AQ		Jefferson and Bicknell, The potential impacts of apomixis: a molecular genetics approach, in <i>The Impact of Plant Molecular Genetics</i> , Birkhauser, Boston, pp. 88-89, 94, 98). 1996.
AR		Kultunow et al. Apomixis: molecular strategies for the generation of genetically identical seeds without fertilization, Plant Physiol 108: 1345-1352. 1995.
AS		Asker and Jerling, Apomixis in Plants, p. 114. 1992.
AT		Asker and Jerling, Apomixis in Plants, p. 81-107, 241-283. 1992.
AU		Bashaw, Apomixis and its Application in Crop Improvement, in Fehr (ed) <i>Hybridization of Crop Plants</i> , pp. 45-63. 1980.
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> EXAMINER  </div> <div style="width: 45%;"> DATE CONSIDERED  </div> </div>		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. T4088.CONT	SERIAL NO. 09/576,623
LIST OF PRIOR ART CITED BY APPLICANT		APPLICANT John G. Carman	
		FILING DATE May 23, 2000	GROUP 1638

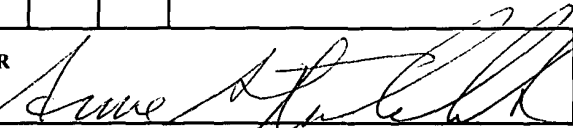
U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		

OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])			
APK	AV		Baum et al. Wide Crosses in Cereals. Annu. Rev. Plant Physiol. Plant Mol. Biol., 43:117-43. 1992.
	AW		Ozias-Akins, Characterization of the Genomic Region Associated with the Transmission of Apomixis in <i>Pennisetum</i> and <i>Cenchrus</i> , presented at Plant & Animal Genome XI, The International Conference on the Status of Plant & Animal Genome Research. Town & Country Hotel, San Diego, California. January 11-15, 2003.
	AX		Carman, Evolution of Apomixis in <i>Antennaria</i> (Asteraceae): A Model Involving Hybrid Origins and Karyotypic Stabilization, presented at Plant & Animal Genome XI, The International Conference on the Status of Plant & Animal Genome Research. Town & Country Hotel, San Diego, California. January 11-15, 2003.
	AY		Sharbel et al. Genome-Wide Genetic Variability and DNA Sequence Divergence along an Aneuploid Chromosome Associated with Apomixis in the <i>Arabidopsis thaliana</i> Complex, presented at Plant & Animal Genome XI, The International Conference on the Status of Plant & Animal Genome Research. Town & Country Hotel, San Diego, California. January 11-15, 2003.
	AZ		Barcaccia et al. Comparison between isozyme and RAPD analyses to screen aberrant plants in <i>Poa pratensis</i> L. progenies, in Apomixis Newsletter, 7:29-30. 1994.
	BA		Evans et al. Environmental Control of Reproduction in <i>Themeda Australis</i> , Aust. J. Bot., 17:375-89. 1969.
	BB		Hussey et al. Influence of photoperiod on the frequency of sexual embryo sacs in facultative apomictic buffelgrass, Euphytica 54:141-145. 1991.

EXAMINER	DATE CONSIDERED 6/23/03
----------	-------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. T4088.CONT		SERIAL NO. 09/576,623	
LIST OF PRIOR ART CITED BY APPLICANT				APPLICANT John G. Carman			
				FILING DATE May 23, 2000		GROUP 1638	
U.S. PATENT DOCUMENTS							
EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])							
Aac	BC		Liu et al. Hybrids and backcross progenies between wheat (<i>Triticum aestivum</i> L.) And apomictic Australian wheatgrass [<i>Elymus rectisetus</i> (Nees in Lehm.) A. Löve & Connor]: karyotypic and genomic analyses, Theor Appl Genet, 89:599-605. 1994.				
	BD		Mogie, The Evolution of Asexual Reproduction in Plants, 139-196. 1992.				
	BE		Poehlman, Breeding Field Crops, 3 rd Ed., pp. 164-165, 332-339. 1987.				
	BF		Salisbury et al. Plant Physiology, 4 th Ed., pp. 504-514. 1992.				
	BG		Torabinejad et al. Morphology and genome analyses of interspecific hybrids of <i>Elymus scabrus</i> , Génome, 29:150-155. 1987.				
Aa1c	BH		Zenkter. <i>In Vitro</i> Fertilization and Wide Hybridization in Higher Plants, Critical Reviews in Plant Sciences, 9: 267-279. 1990.				
EXAMINER 				DATE CONSIDERED 6/23/03			
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							